

FIG. 1

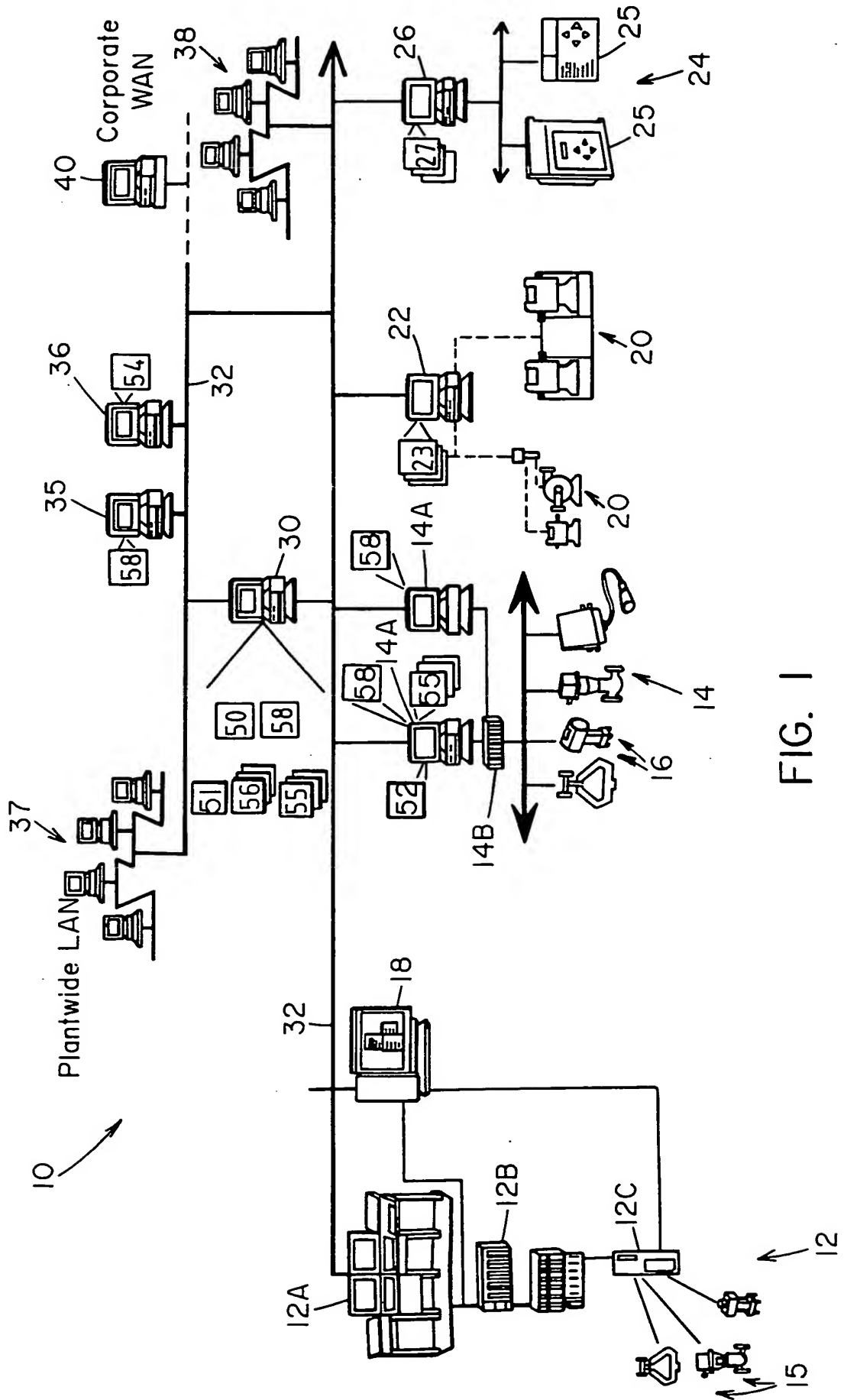


FIG. 1

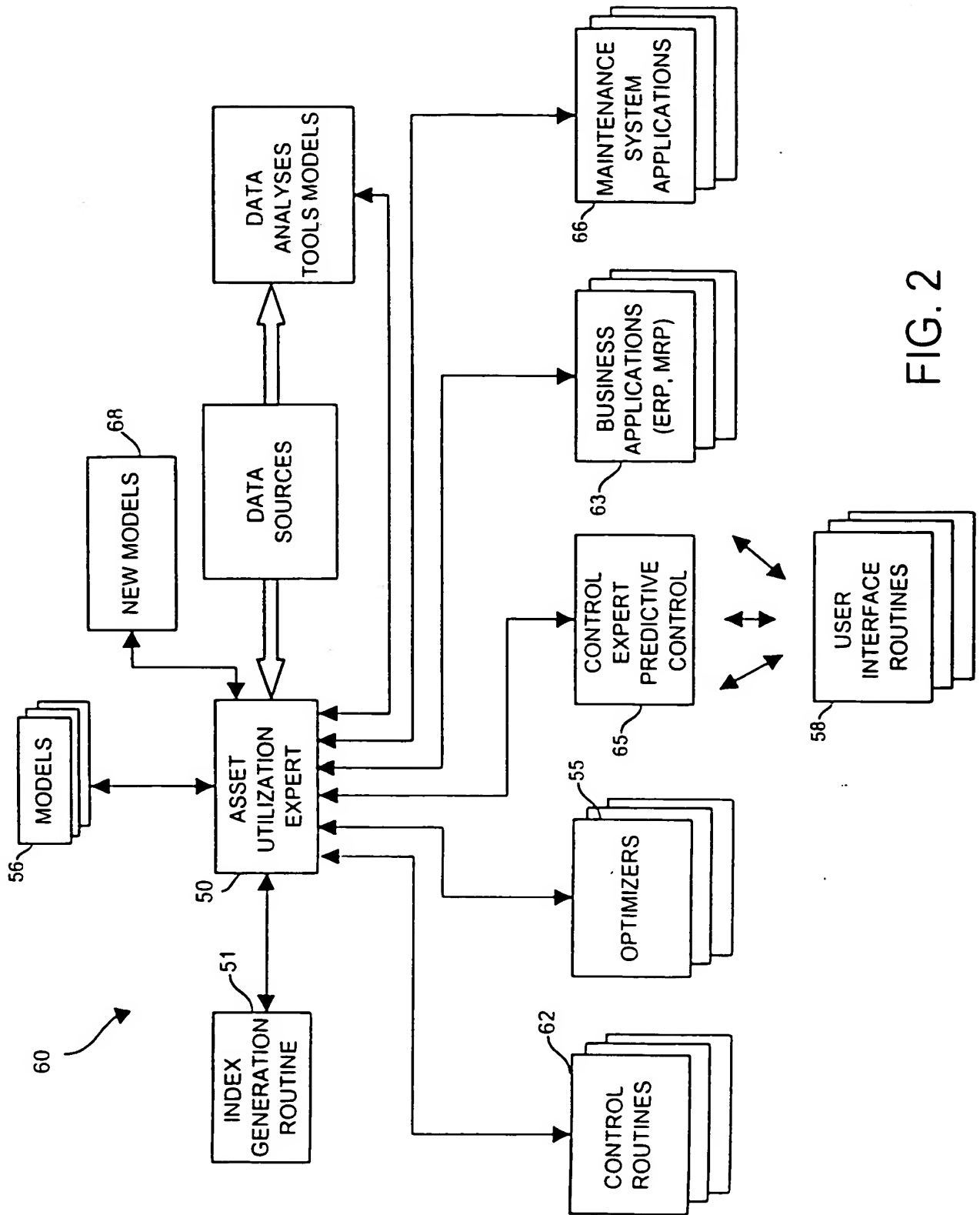


FIG. 2

2025 RELEASE UNDER E.O. 14176

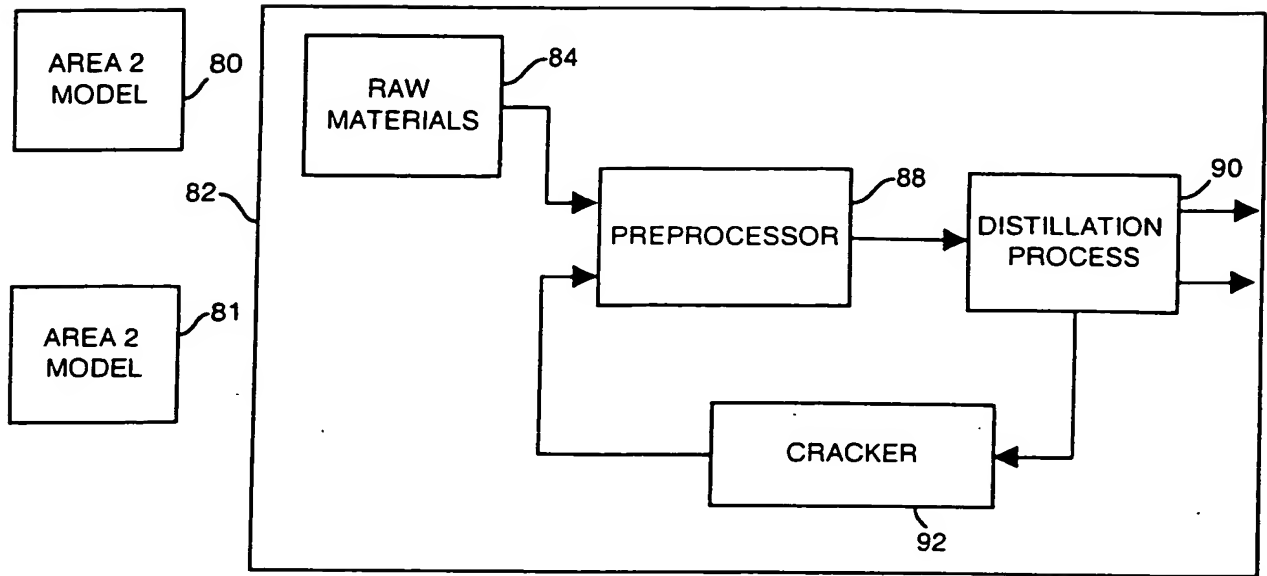


FIG. 3

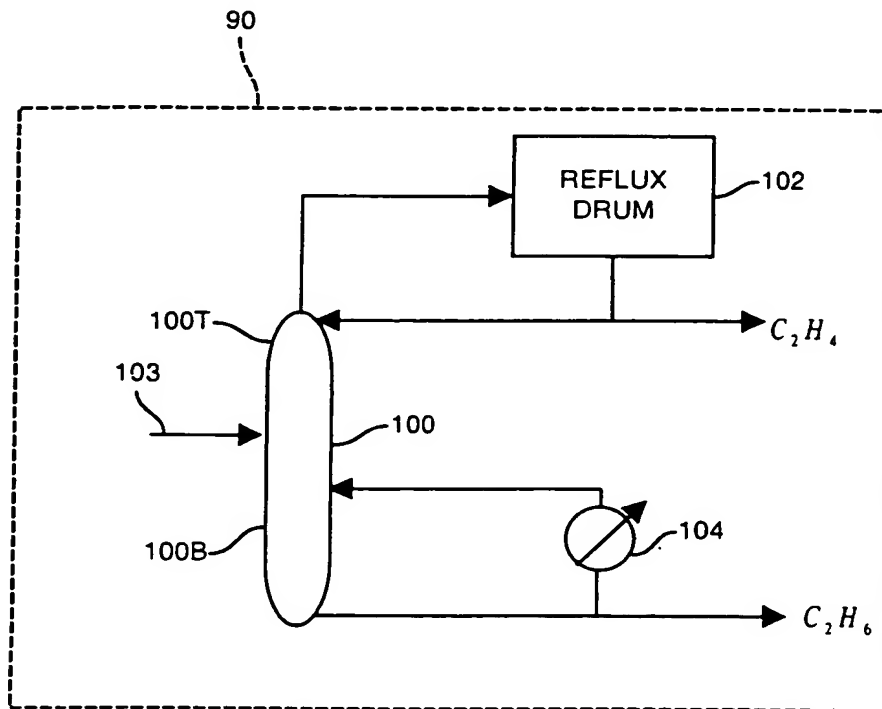


FIG. 4

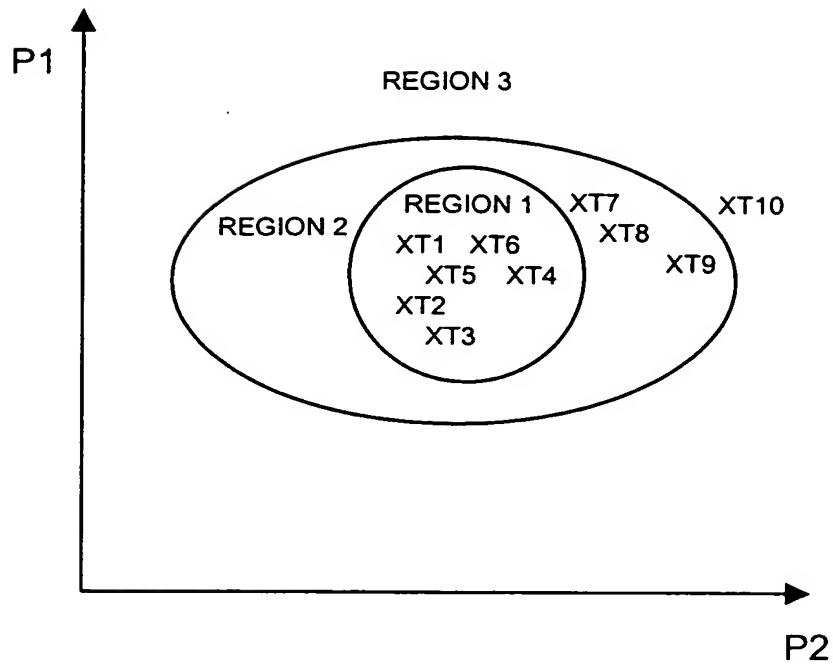


FIG. 5

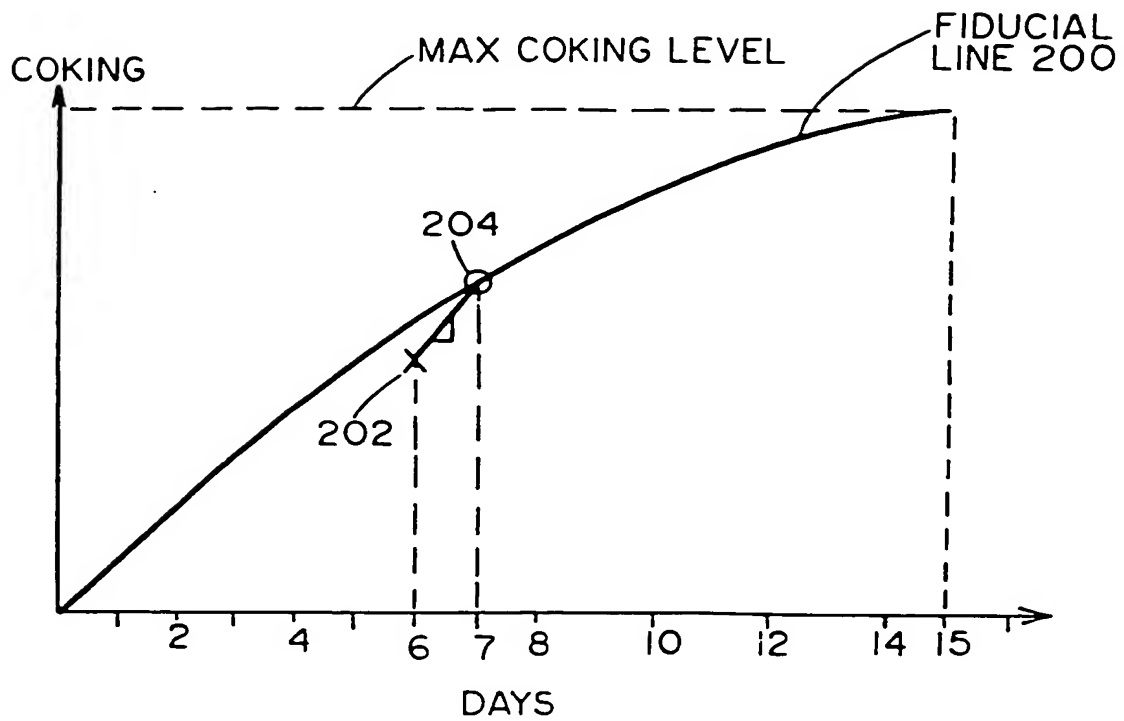


FIG. 6

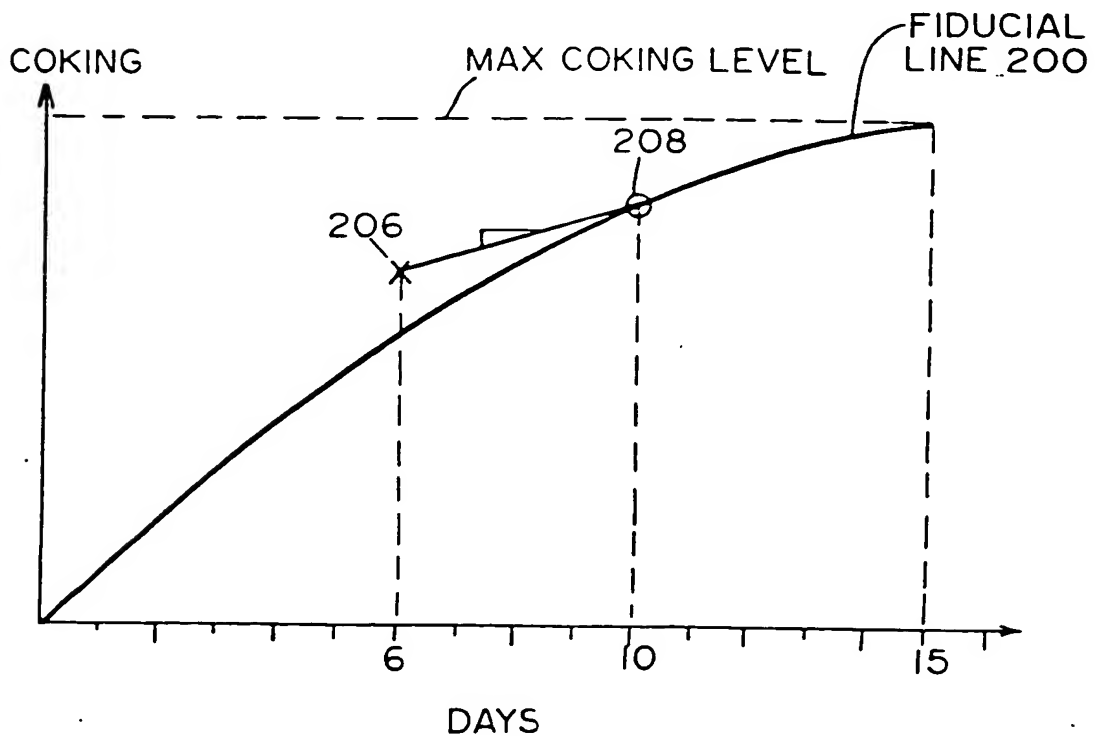


FIG. 7

FIG. 8

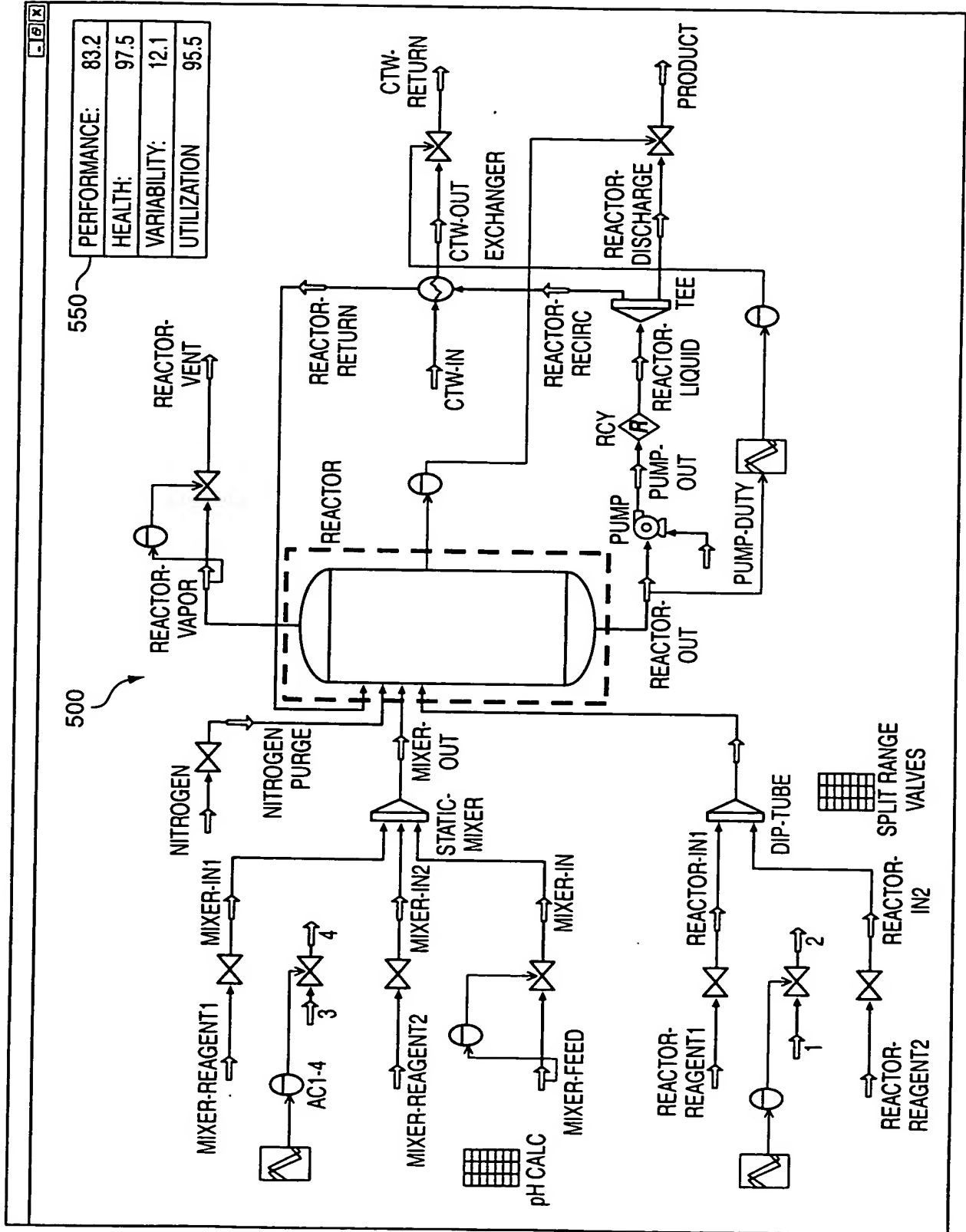


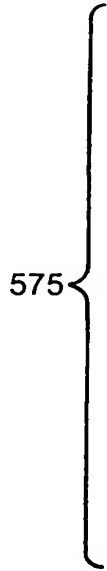
FIG. 8

	PI	VI	HI	UI
Unit	x		x	x
Sub Unit	x		x	x
Loop		x	x	x
Device		x	x	

FIG. 9

2025-05-05 10:00:00

PERFORMANCE FOR FCCU: 83.2



Loop Name	Index	Weight
FIC-101	88	3
TIC-111	89	3
LIC-111	88	3
FIC-111	60	3
FIC-112	80	1
TIC-222	87	1
FIC-101	88	3
TIC-111	89	3
LIC-111	88	3
FIC-111	60	3
FIC-112	80	1
TIC-222	87	1
PIC-111	87	1

FIG. 10

FCCU Health: 97.5

Device Name	Index	Description	Weight
FV-111	100	Leaking	3
TI-111	98	Sticktion	3
<u>LI-111</u>	90	40	3
MC-101	95	Will burn up in 2 weeks	3
FV-111	96	0	1

FIG. 11

FCCU Variability: 12.1

Device Name	Index	Weight
FV-101	0	3
TI-111	2	3
LI-111	40	3
FV-111	0	3
FV-112	0	1
TI-222	2	1
FI-101	7	3
TI-111	6	3
LI-111	7	3
FI-111	7	3
FI-112	7	1
TI-222	7	1
Sub unit: Reboiler RB101	15	2

FIG. 12

Alarms

Process

Impulse Line

Plugged Impulse Line Detection

Time Stamp12:72:12

Status

☐ OK

☐ Inactive

☐ Learning

☐ Verifying

☒ Insufficient Dynamics

☐ Bad PV Status

☐ Not Licensed

☐ All Lines Plugged

Plugged Impulse Line History

Time Stamp16:72:12

Status

☒ All Lines Plugged

☐ No History

FIG. 13

2023-03-20 14:44:00

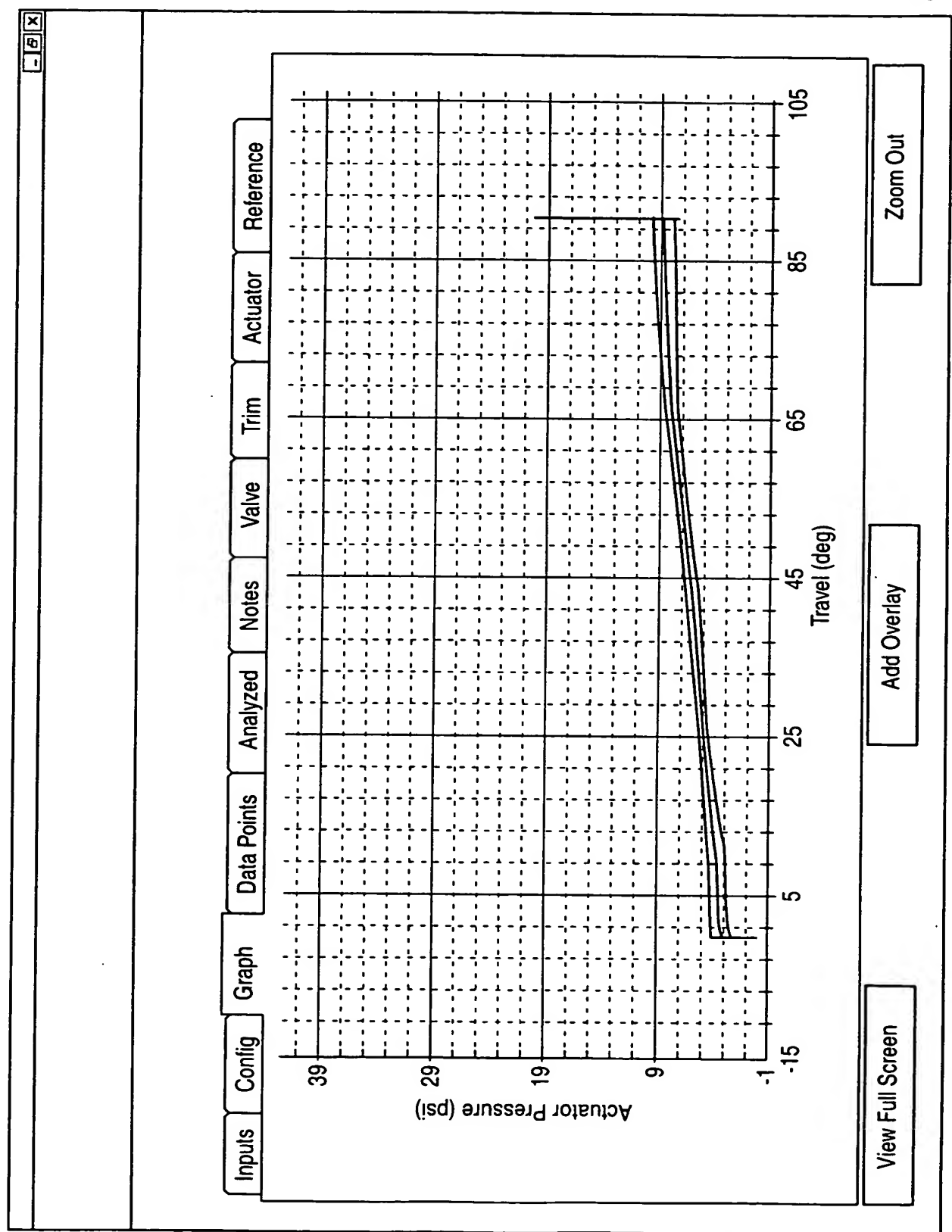


FIG. 14

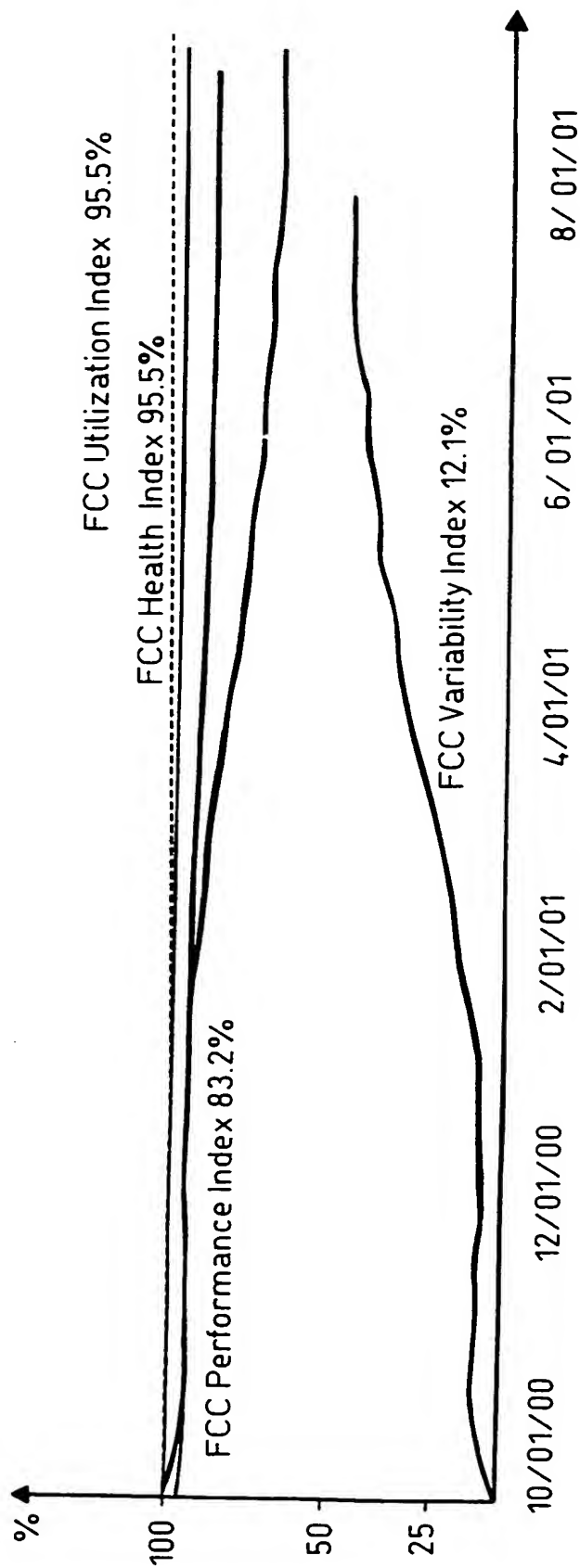


FIG. 15

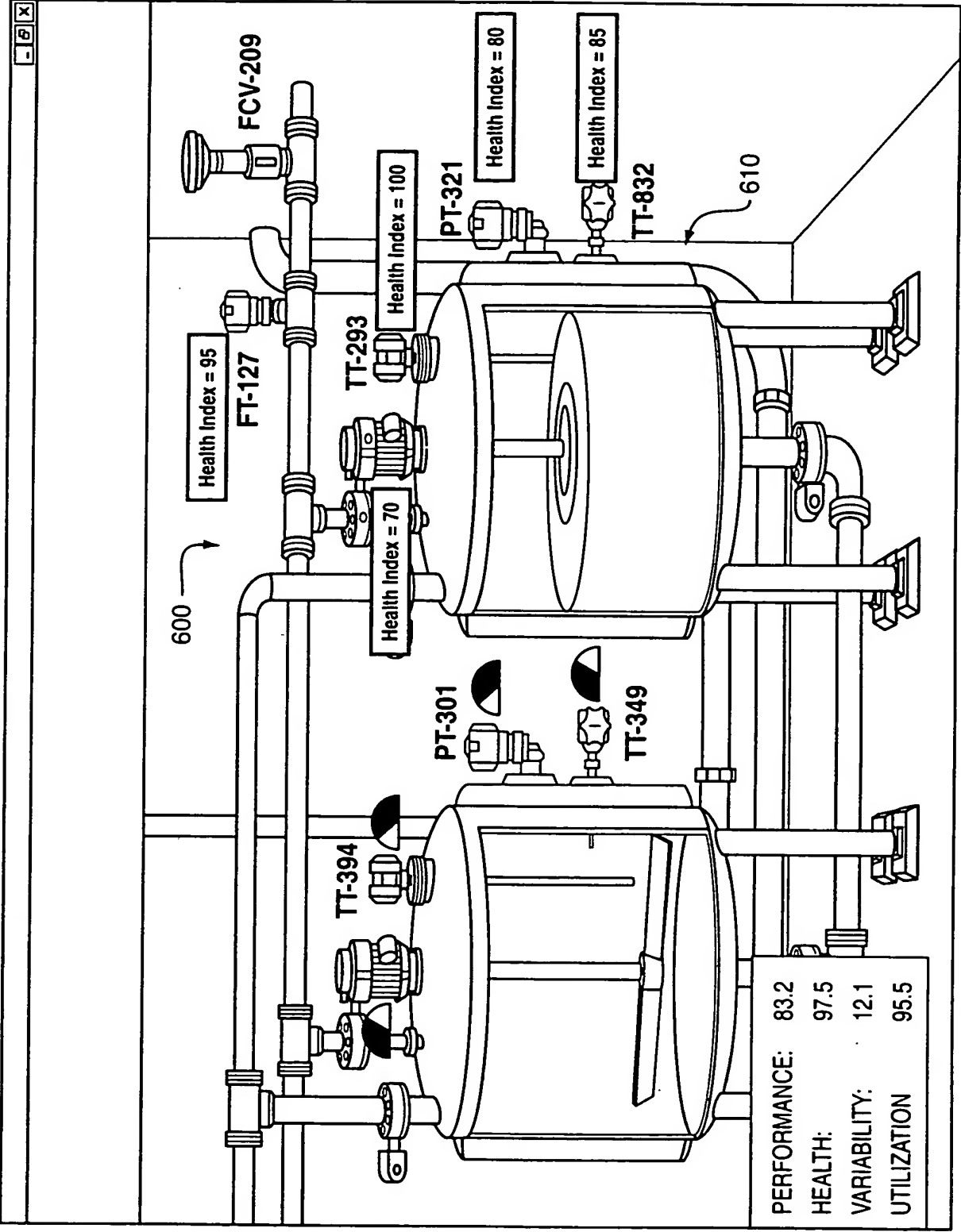


FIG. 16

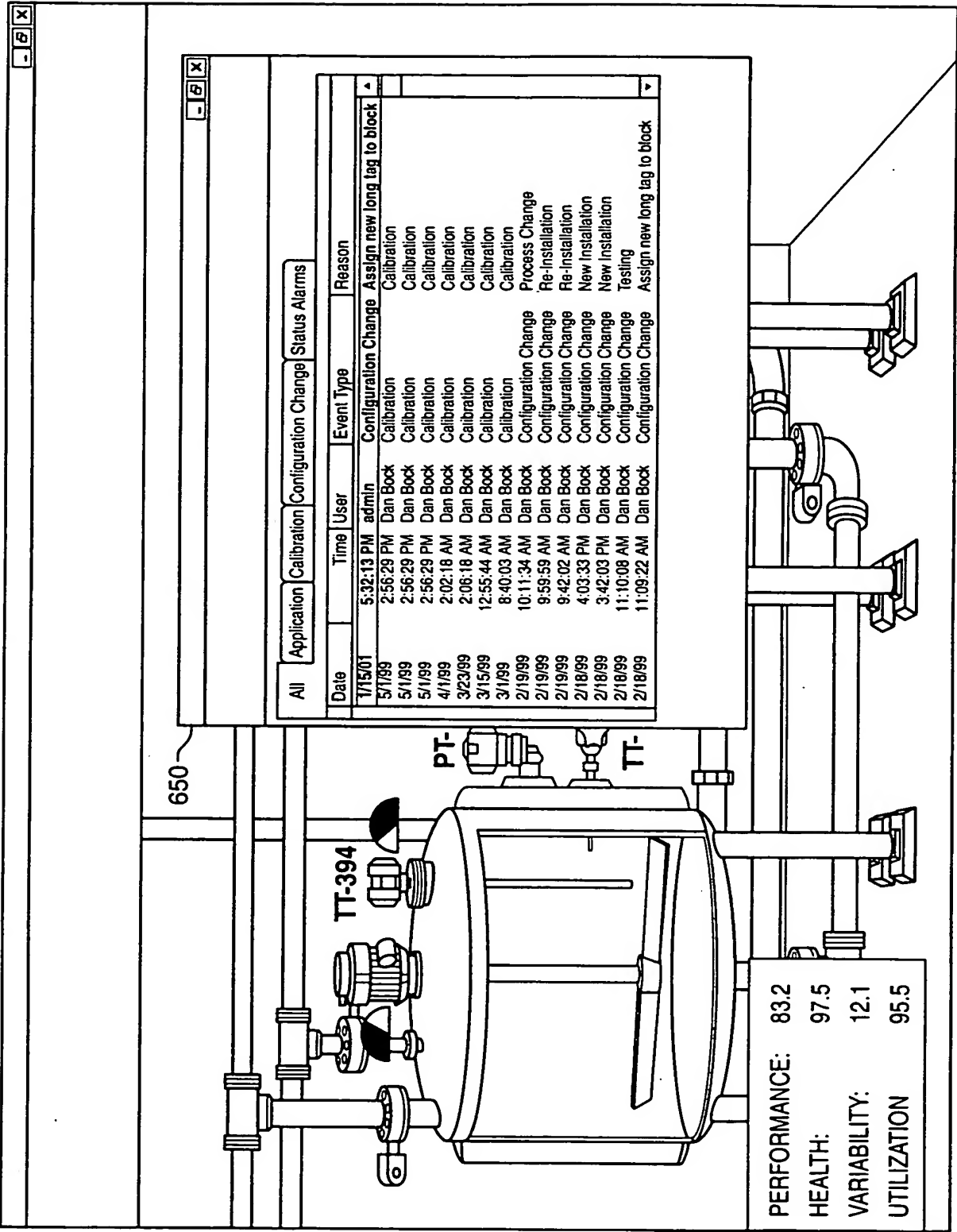


FIG. 17

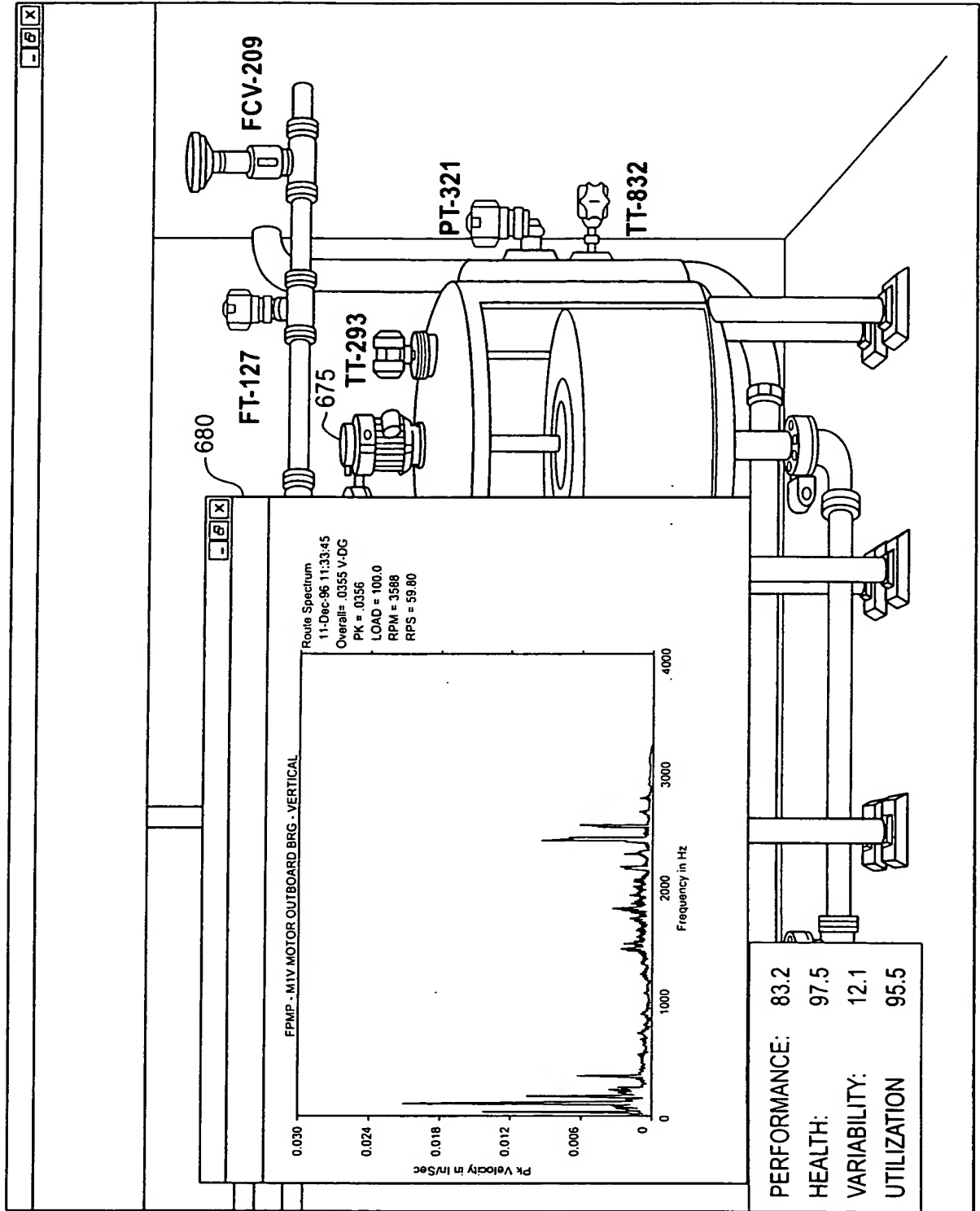


FIG. 18

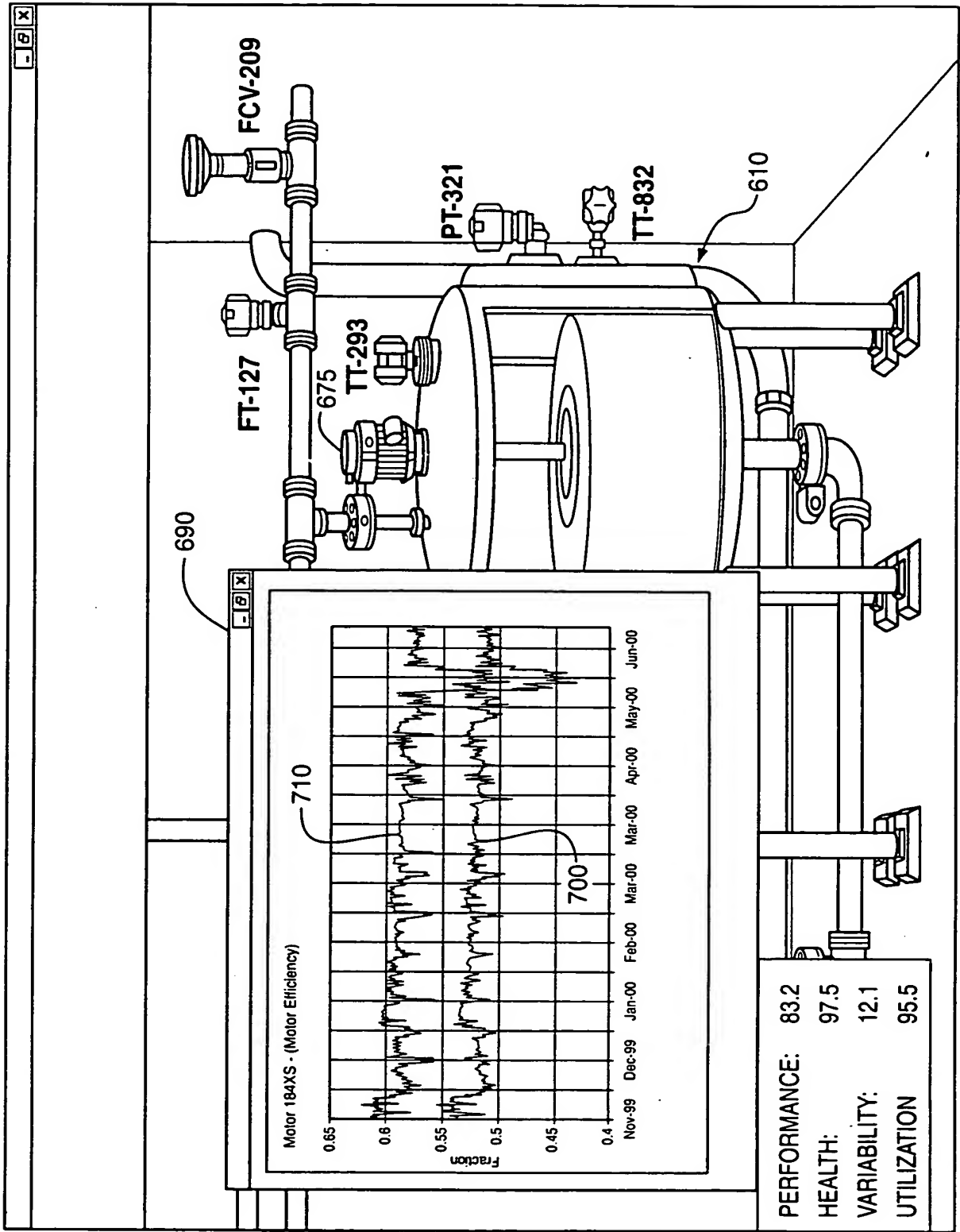


FIG. 19



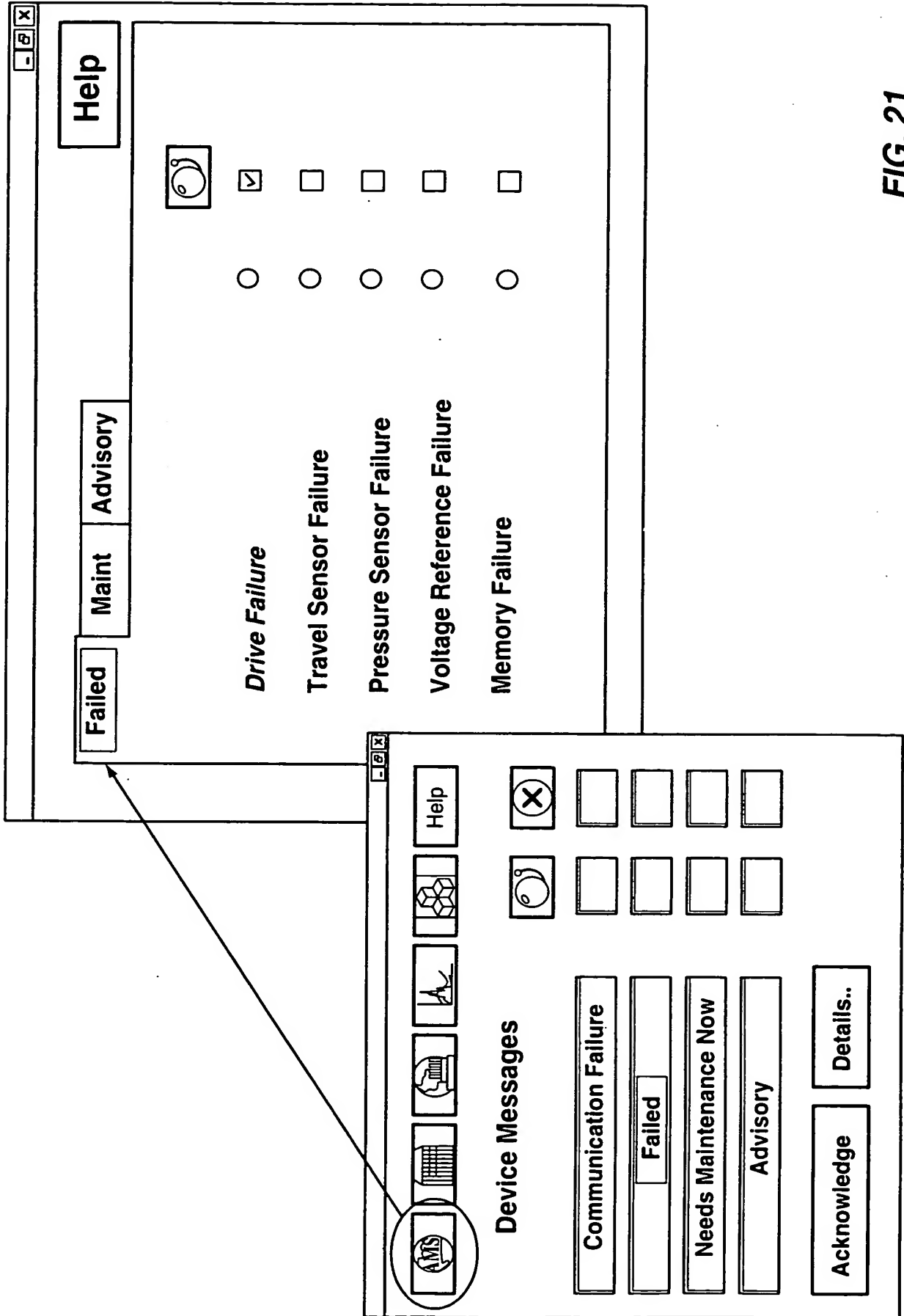


FIG. 21

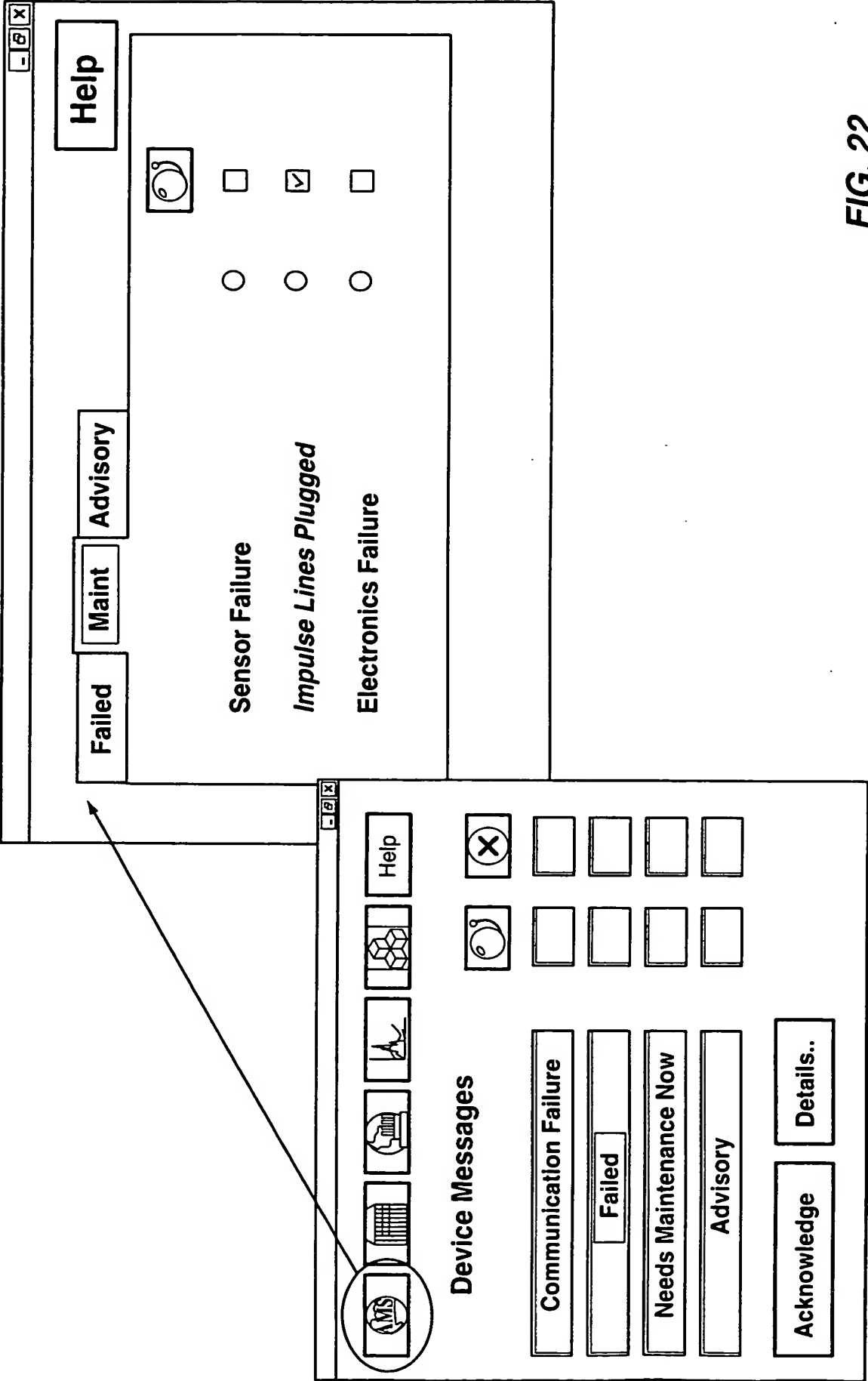
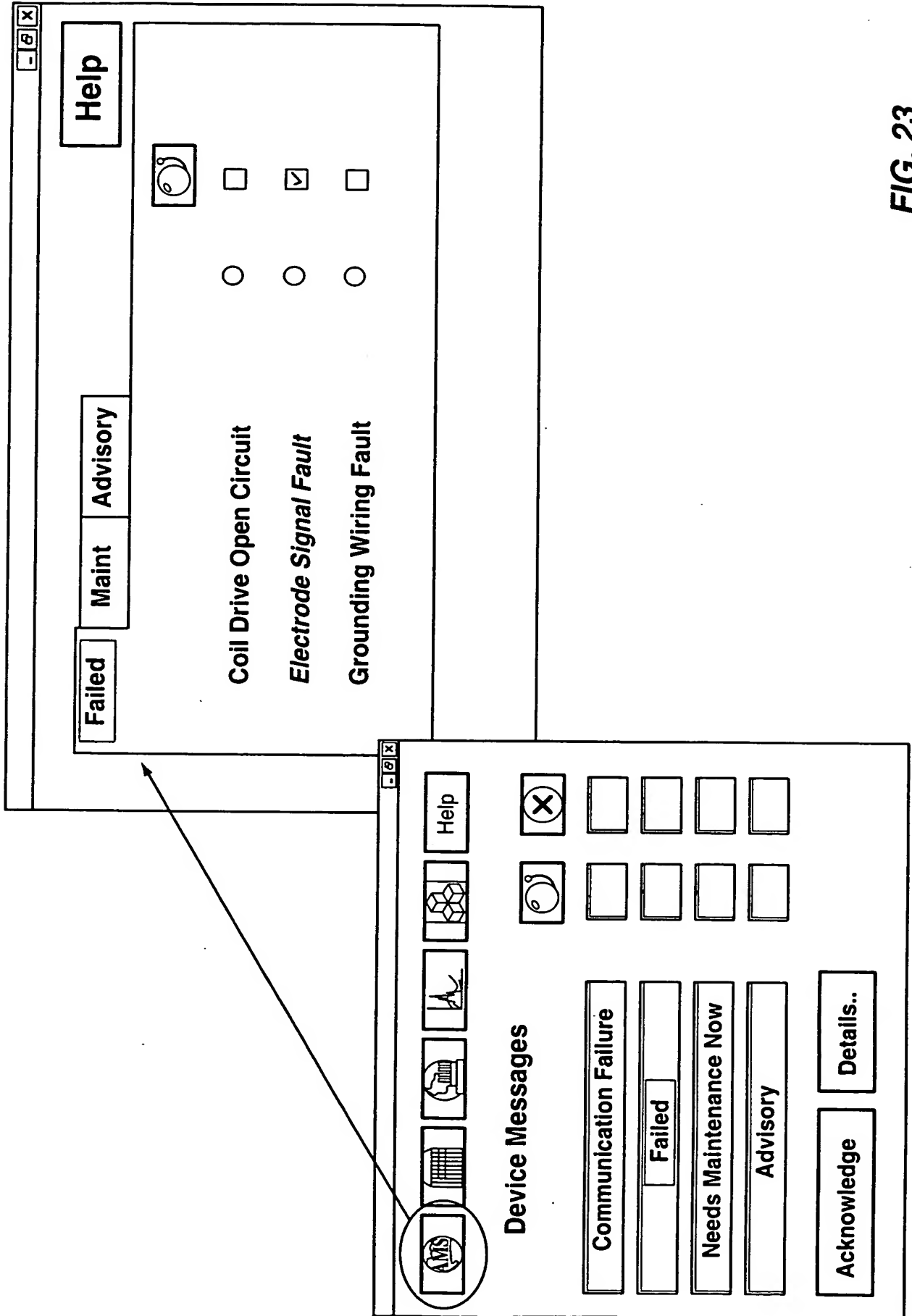


FIG. 22



Electrode Signal Fault Detected

1. Remove any moisture or contamination in the flowtube terminal block or, if applicable, the sealed electrode compartments.

2. Perform flowtube electrical resistance tests. Confirm the resistance reading between coil ground (ground symbol) and coil (1 or 2) is infinity. Confirm the resistance reading between electrode ground (17) and an electrode (18 or 19) is greater than 2 kohms and rises. For more detailed information, consult the flowtube product manual.

4. Verify transmitter electronics with Model 8714 reference standard. The dial on the 8714 should be set at 9.1 m/s (30 ft/sec). The transmitter should be set up with the nominal flowtube calibration number (100001501000000) and 5 Hz coil drive frequency.

To turn off electrode signal fault detection, go to the diagnostic screen in the transducer block properties.

The screenshot shows a window titled "Help" with a menu bar containing "File", "Edit", and "X". Below the menu bar are three buttons: "Failed", "Maint", and "Advisory". The main area of the window contains a table with three rows of diagnostic information:

Coil Drive Open Circuit	<input type="checkbox"/>	<input type="radio"/>
Electrode Signal Fault	<input checked="" type="checkbox"/>	<input type="radio"/>
Grounding Wiring Fault	<input type="checkbox"/>	<input type="radio"/>

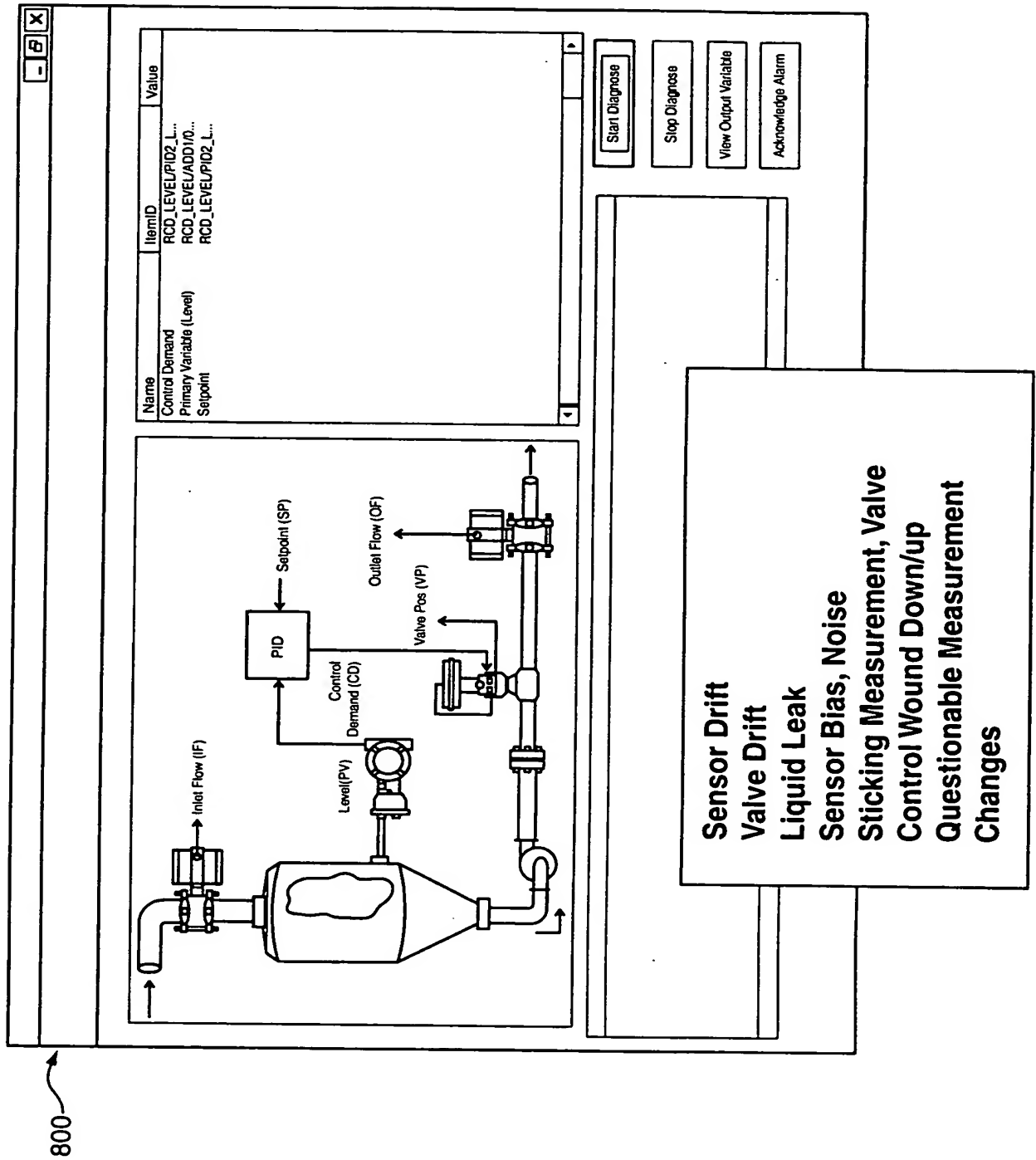


FIG. 25

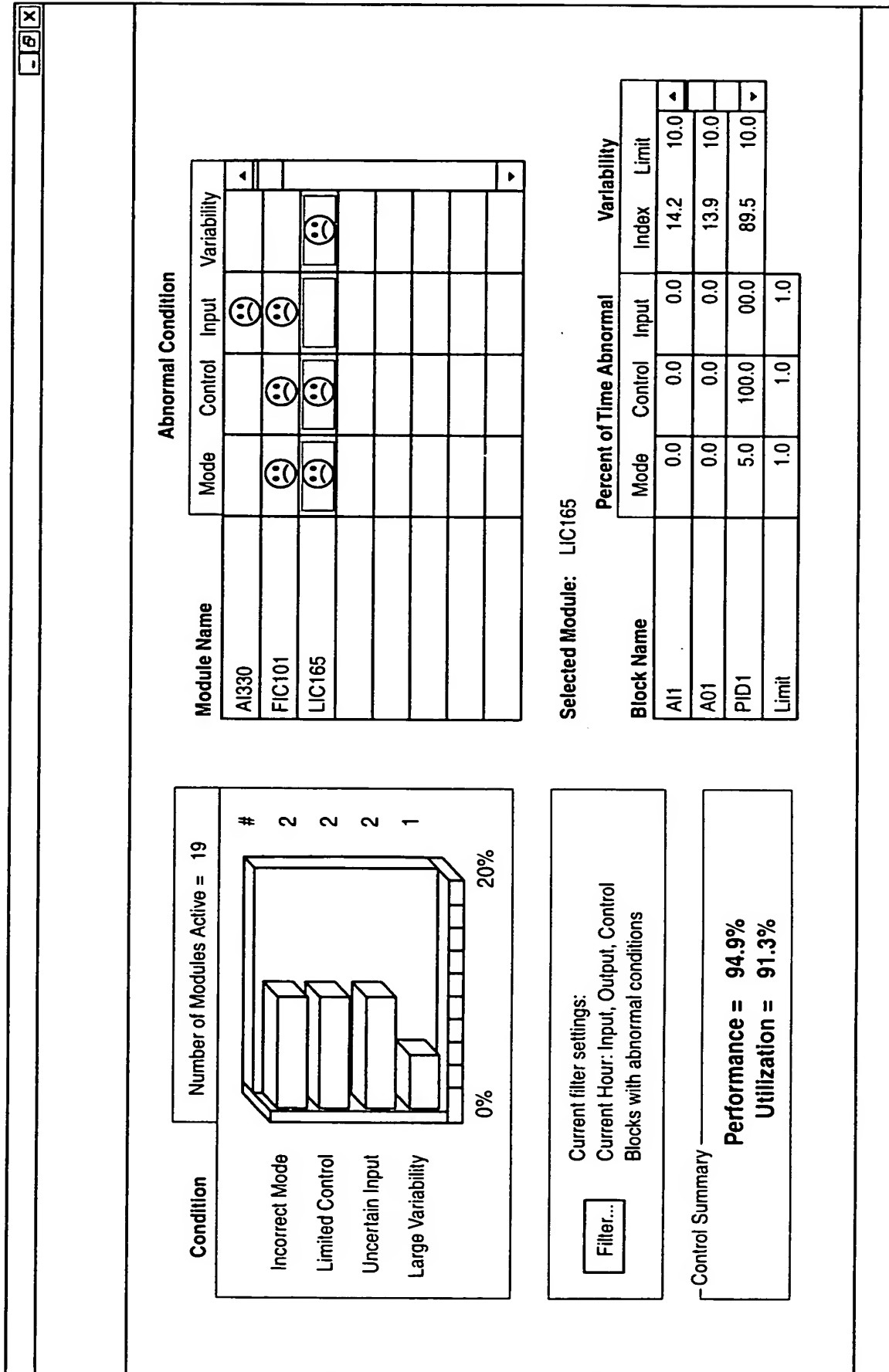


FIG. 26

		Work Order	Plans	Actuals	Costs	WO Hierarchy	Safety Plan	Failure Reporting	Linked Documents
Modules Work Orders PMs Inventory Equipment Purchasing Plans Labor Calendars Resources Custom Apps Setup Utilities	<div> <div> <div>Work Order</div> <div>1194</div> <div>SENSOR MEASUREMENT</div> </div> <div> <div>Location</div> <div>BDCUBE</div> <div>AMS Business Development Cubicle</div> </div> <div> <div>Equipment</div> <div>TT-111</div> <div>Rosemont 3044C in BD Cube</div> </div> <div> <div>Reported By</div> <div>MAXIMO</div> <div>Reported By</div> <div>8/18/00 1</div> <div>Work Phone</div> <div></div> </div> <div> <div>Status</div> <div>WSCH</div> <div>Status Date</div> <div>8/18/00 1</div> <div>Charge to Store?</div> <div>N</div> </div> <div> <div>GL Account</div> <div></div> </div> <div> <div>WO Priority</div> <div>5</div> <div>Loc/Eq Priority</div> <div></div> <div>Equipment Up?</div> <div>Y</div> <div>Warranty Date</div> <div></div> <div>Work Type</div> <div>EM</div> </div> </div>								
	<div> <div>Job Details</div> <div>Problem</div> <div>Follow-up Work</div> </div>								
	<div> <div>Job Plan</div> <div></div> <div>Failure Class</div> <div></div> <div>Originating WO</div> <div></div> </div>								
	<div> <div>Safety Plan</div> <div></div> <div>Problem Code</div> <div></div> <div>Has Follow-up Work?</div> <div>N</div> </div>								
	<div> <div>PM</div> <div>AMS10130</div> </div>								
	<div> <div>Service Contract</div> <div></div> </div>								
	<div> <div>Scheduling Information</div> <div>Responsibility</div> </div>								
	<div> <div>Start</div> <div>Target</div> <div>8/18/00 11:42AM</div> <div>Scheduled</div> <div></div> <div>Actual</div> <div></div> </div>								
	<div> <div>Completion</div> <div>8/18/00 11:42AM</div> <div></div> <div></div> </div>								
	<div> <div>Estimated Duration</div> <div>0.00</div> <div>Remaining Duration</div> <div></div> <div>Supervisor</div> <div></div> <div>Labor Group</div> <div></div> <div>Lead Craft/Person</div> <div></div> <div>Modified</div> <div></div> <div>Crew</div> <div></div> <div>Interruptible?</div> <div></div> <div>By</div> <div>Maximo</div> <div>Date</div> <div>8/18/00 1</div> </div>								

FIG. 27

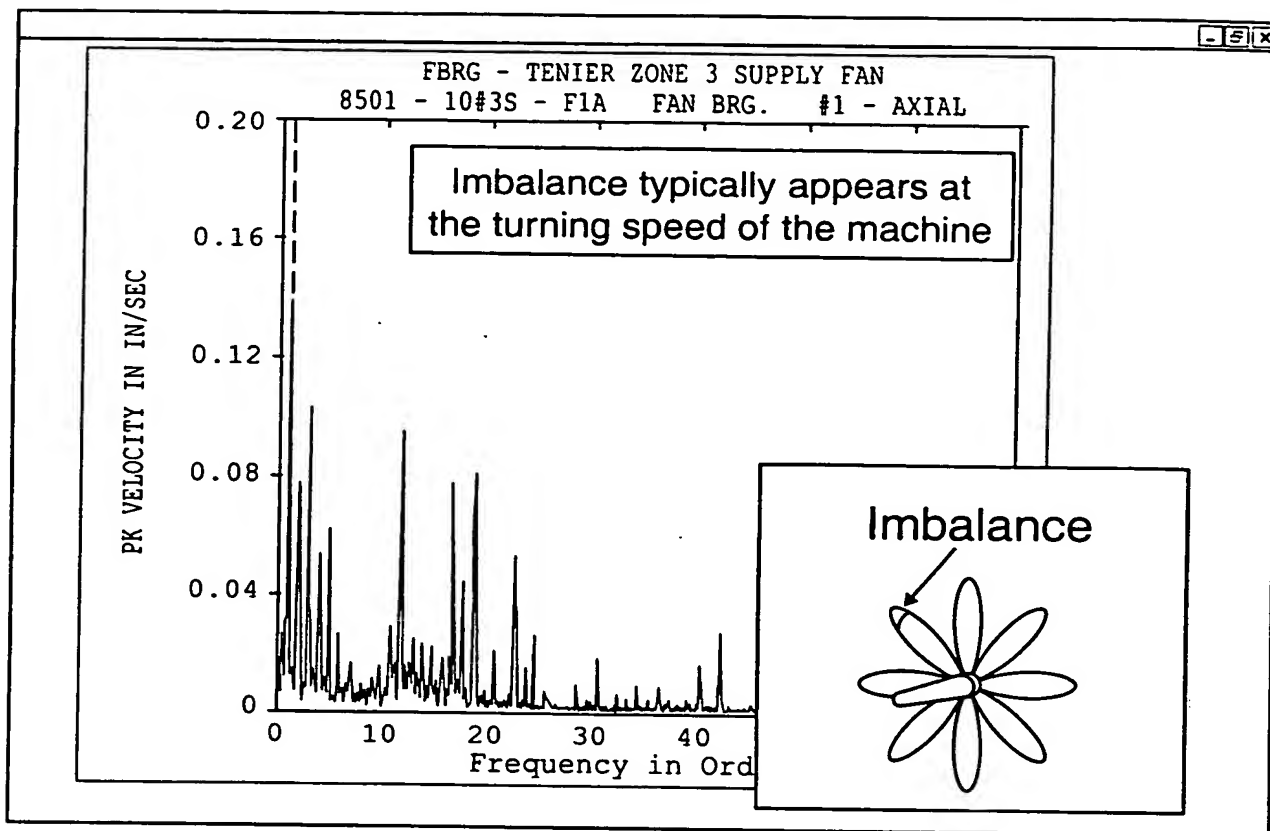


FIG. 28

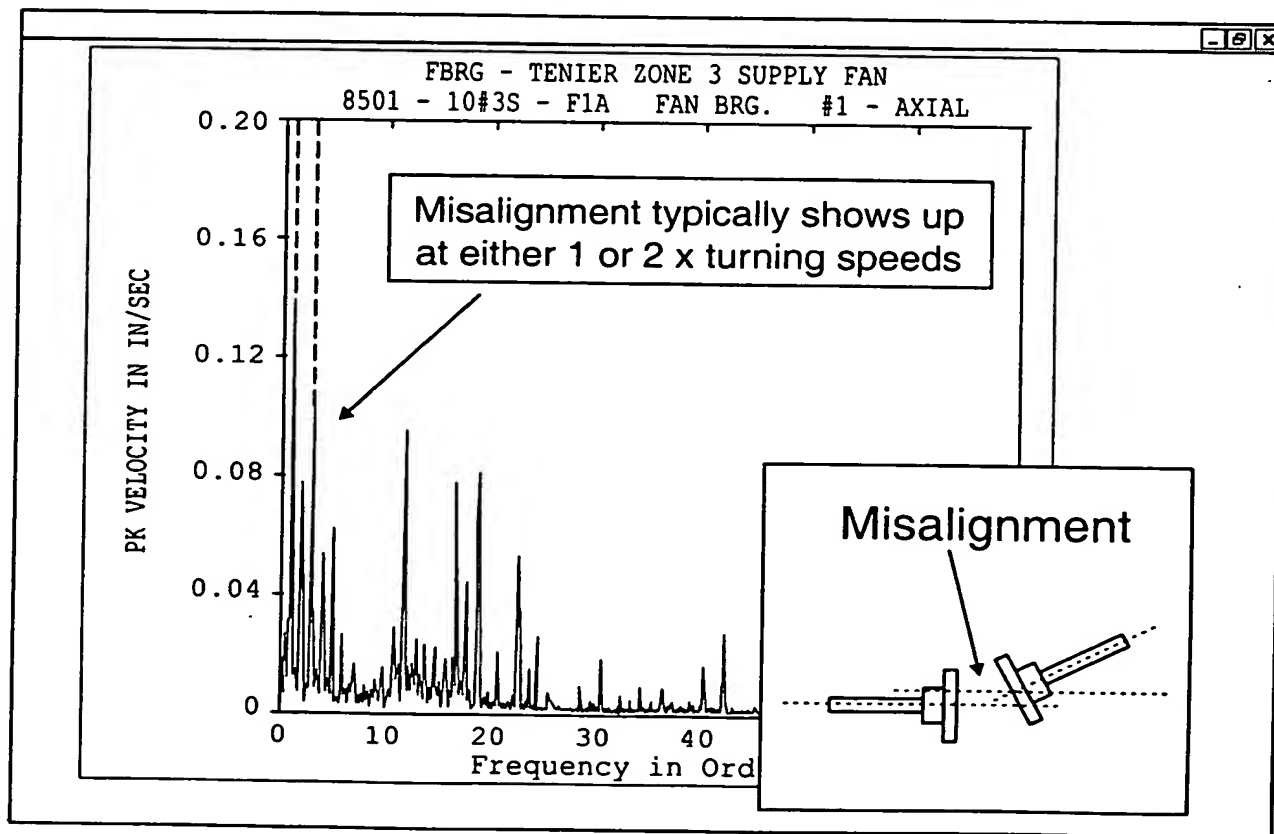


FIG. 29

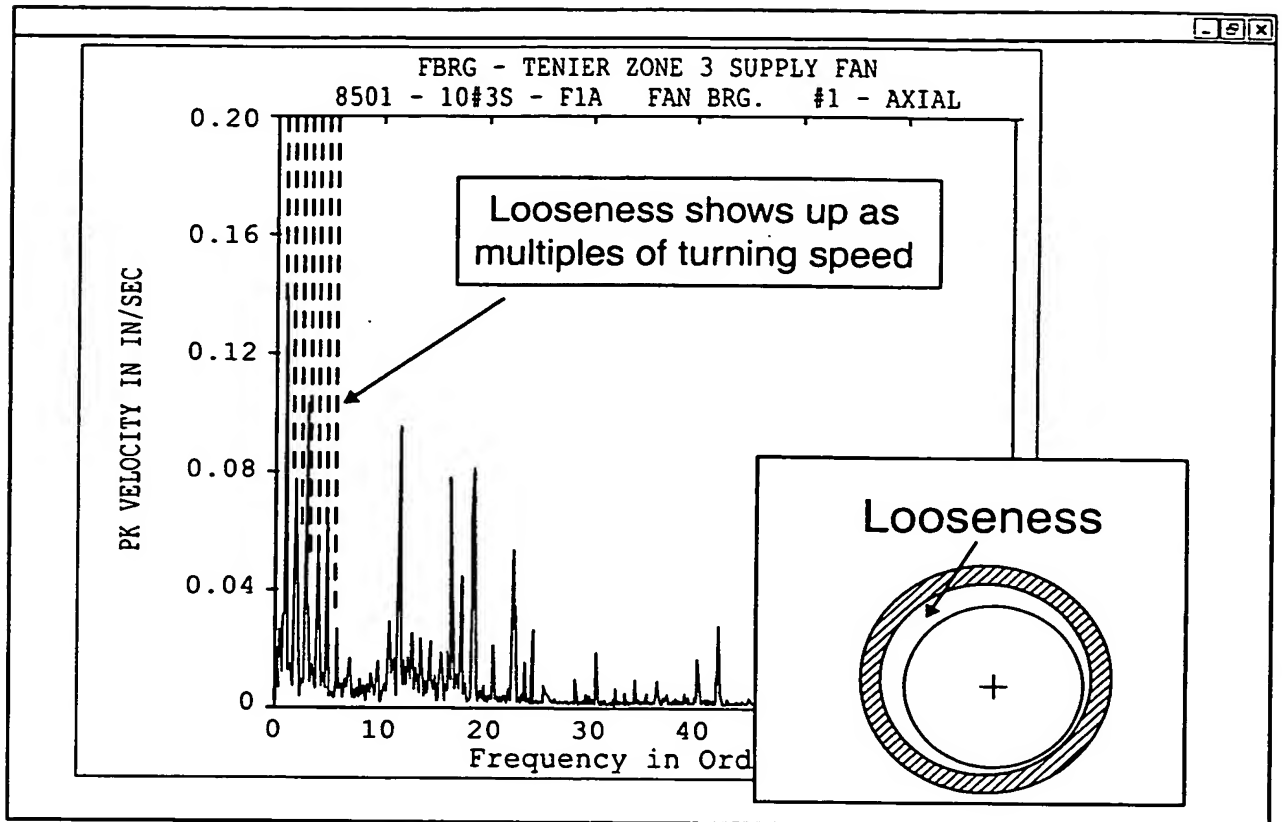


FIG. 30

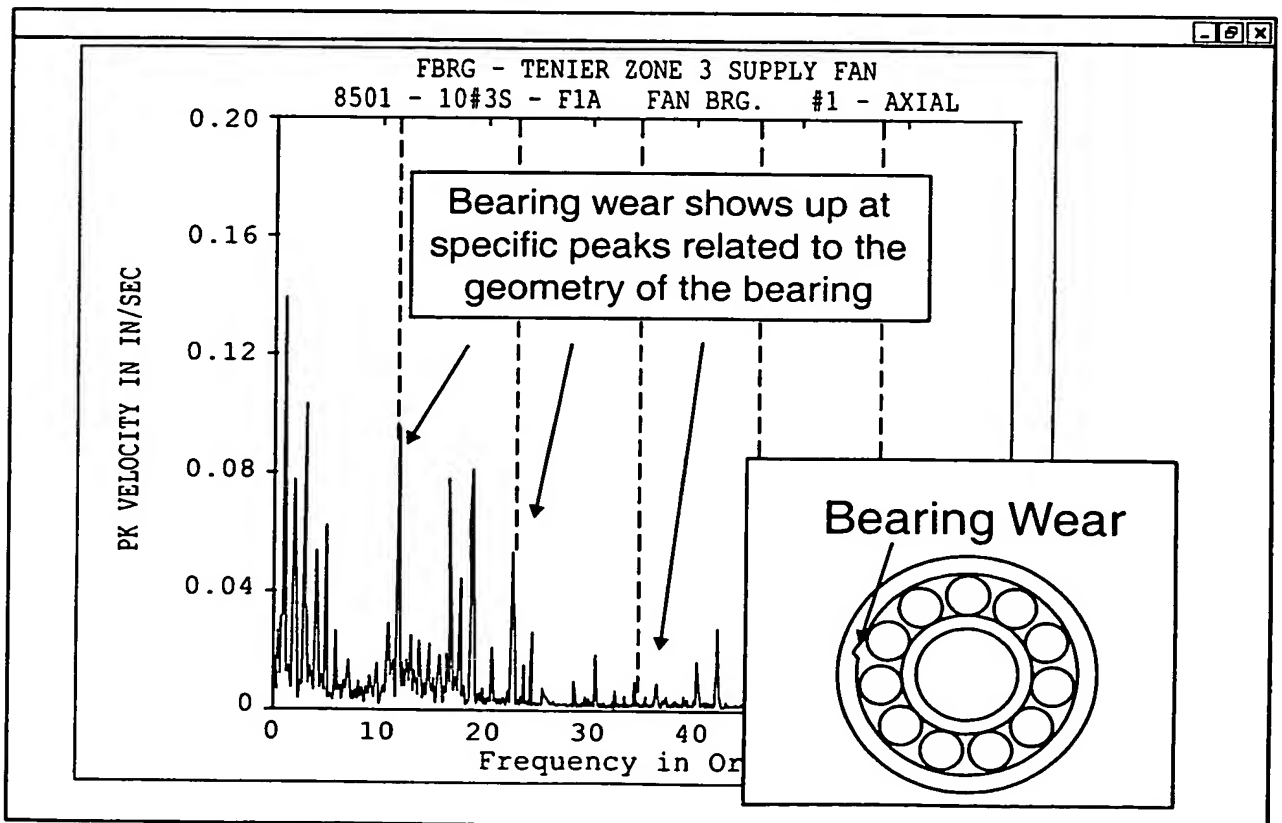


FIG. 31

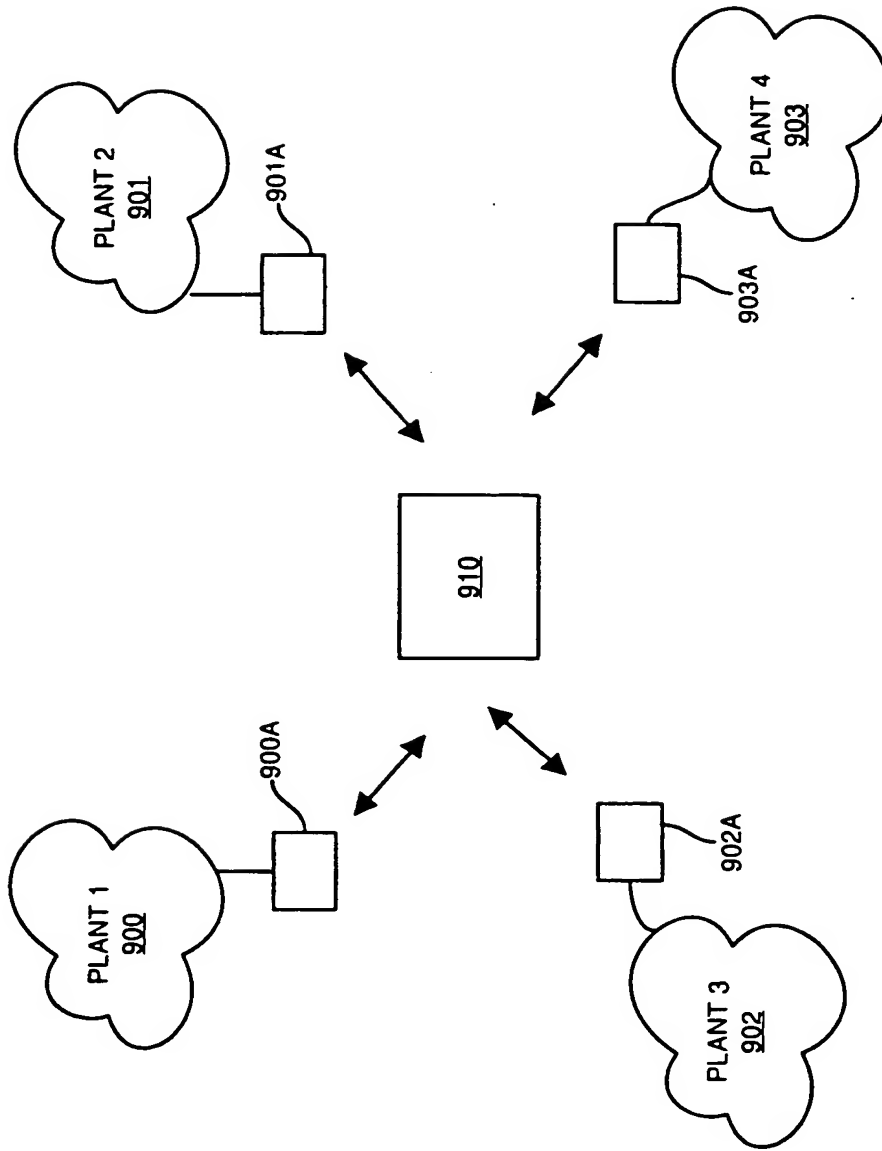


FIG. 32

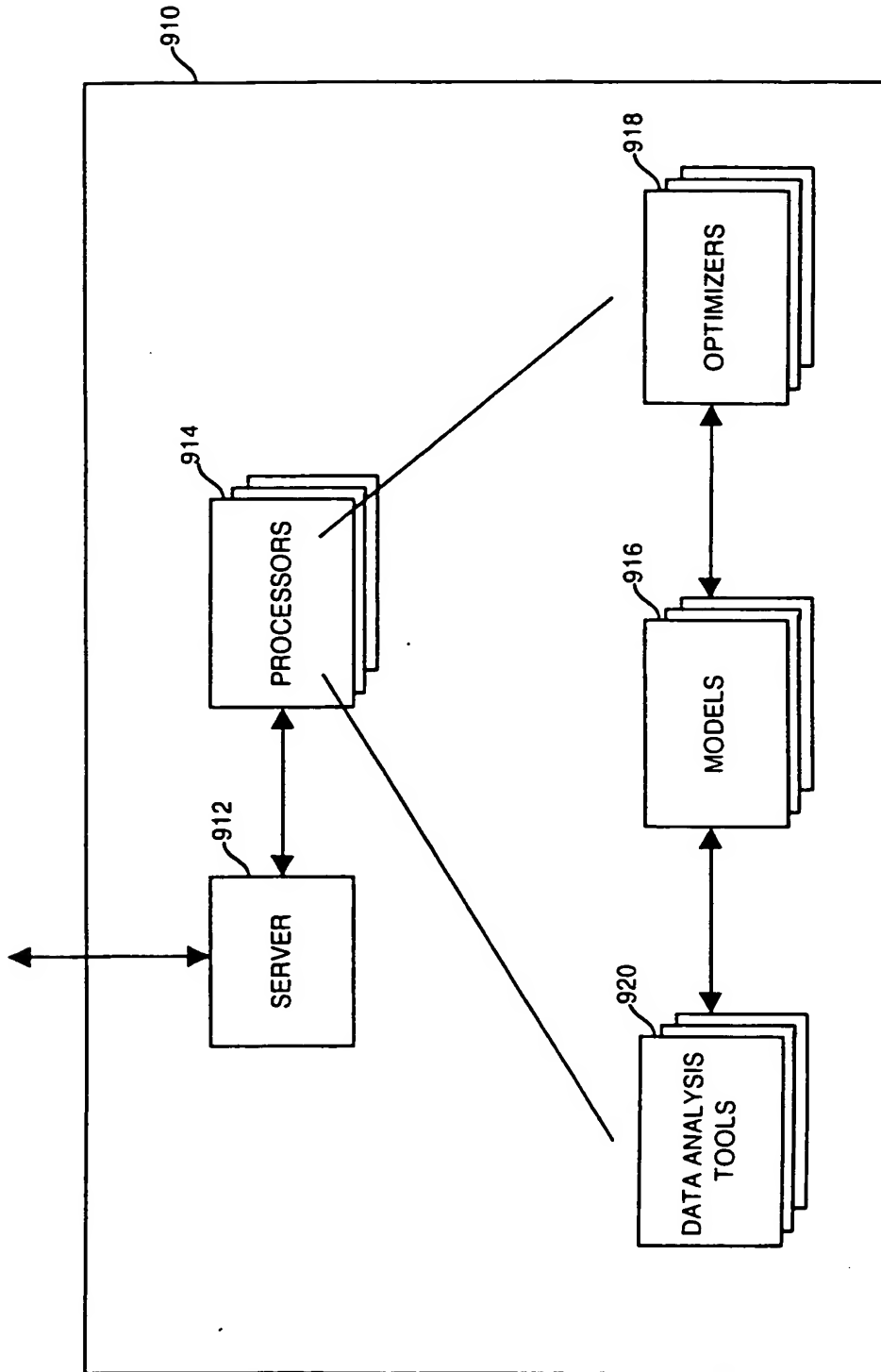


FIG. 33